

U.S. Patent Application Serial No. 10/520,877
Reply to Office Action dated September 25, 2006

Amendments to the Claims:

This listing of claims will replace all prior versions and listings of claims in the application:

Listing of Claims:

1. (Currently Amended) ~~Safety strip (S)~~ as A safety strip comprising a switching strip for a striking edge protection device or closing edge protection device ~~or switch pad~~ with an electrical switching device, wherein the safety strip ~~displays~~ includes contact elements (3,4) arranged in holding bodies, ~~which wherein the~~ contact elements in ~~the~~ a rest position abut each other at contact points (A,B) under the effect of an elastic prestress and, under the effect of an outside force on ~~the~~ an insulating wedge element (5) arranged between the holding bodies, can be moved apart so that the contact is interrupted, wherein the contact elements (3,4) are arranged in ~~their~~ the holding bodies transversely to ~~the~~ a longitudinal extension of the safety strip (S) and via ~~their~~ the contact points (A,B) make possible a current flow from one side of one holding body to ~~the~~ the other of the holding bodies to a side of the other holding body.
2. (Currently Amended) Safety strip according to claim 1, wherein
 - a) the safety strip (S) is formed as an essentially U-shaped spring bracket,
 - b) the contact elements (3,4) are arranged transversely to the bracket legs (102,103) forming the holding bodies and by ~~means of their~~ the contact points (A,B) make possible a current flow,
 - c) the insulating wedge element acts on ~~the~~ free ends of the spring bracket (101).
3. (Currently Amended) Safety strip according to claim 1, wherein the holding bodies are formed as contact strips (1,2).

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4. (Currently Amended) Safety strip according to claim 1, further comprising another contact strip, wherein the contact strips ~~(1, 2)~~ comprise plastic and are connected to each other in a material-unified manner by ~~means of~~ a hinge strip ~~(16)~~.
5. (Currently Amended) Safety strip according to claim 1, further comprising another contact strip, wherein contact elements ~~(3, 4)~~ are arranged in a spaced-apart manner, viewed over the length of the safety strips.
6. (Currently Amended) Safety strip according to claim 1, wherein the contact elements ~~(3, 4)~~ are connected in series by ~~means of~~ an electrical conductor.
7. (Currently Amended) Safety strip according to claim 4, wherein the contact strips ~~(1, 2)~~ consist of dimensionally stable material.
8. (Currently Amended) Safety strip according to claim 4, wherein the contact strips ~~(1, 2)~~ comprise rubber-elastic material.
9. (Currently Amended) Safety strip according to claim 1, wherein the insulating wedge elements ~~(5)~~ comprises dimensionally stable material.
10. (Currently Amended) Safety strip according to claim 1, wherein the insulating wedge elements ~~(5)~~ is formed as an insulating wedge strip.
11. (Currently Amended) Safety strip according to ~~claim 10~~ claim 3, wherein the contact strips ~~(1, 2)~~ are placed into a receiving space ~~(10)~~.
12. (Currently Amended) Safety strip according to claim 11, wherein the receiving space ~~(10)~~ is closed off through an outer housing wall ~~(7)~~.
13. (Currently Amended) Safety strip according to ~~claim 1~~ claim 12, wherein the housing wall ~~(7)~~ comprises elastic material.

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14. (Currently Amended) Safety strip according to ~~claim 1~~ claim 12, wherein the housing wall ~~(7) consists of~~ comprises rigid material.
15. (Currently Amended) Safety strip according to ~~claim 1~~ claim 11, wherein the receiving space ~~(10)~~ is bounded by elastic wall elements ~~(8, 9)~~.
16. (Previously Presented) Safety strip according to claim 1, wherein the elastic prestress for the holding bodies is applied through elastic tension elements.
17. (Currently Amended) ~~Safety strip (S) as~~ A safety strip comprising a switching strip for a striking edge protection device or closing edge protection device ~~or switch pad~~ with an electrical switching device, wherein the safety strip ~~displays~~ includes at least one holding body that carries at least one sensor, that is acted upon by an elastic prestress in the a rest state, and that reacts to the action of an outer force on insulating wedge elements arranged between the holding bodies, wherein
- a) each of the holding body bodies is formed as a contact strip or spring bracket,
 - b) ~~and the sensor or sensors is/are~~ at least one sensor is arranged transversely to the a longitudinal extension of the safety strip or the spring bracket and ~~actuates/actuate~~ actuates the electrical switching device through the sensor action.